

ABSTRACT OF THE DISCLOSURE

A medical device, such as a respiratory treatment device, includes a passive acoustic noise reduction system in the form of a vibration reducing blower assembly isolation mount. The device includes a housing, a blower assembly mounted therein, a patient circuit coupled to the blower assembly, and a noise reducing blower assembly isolation mount. The mount includes a first vibration damping member adjacent one side of the blower assembly spacing the blower assembly from a mounting surface upon which the blower assembly is supported. A securing member positions and holds the blower assembly onto the mounting surface, and a second vibration damping member adjacent an opposite side of the blower assembly spaces the blower assembly from the securing member. The vibration damping members are injection molded thermoplastic elastomeric members.